

## (C) WPI / DERWENT

AN - 1997-498469 [46]

AP - JP19960044344 19960301

CPY - SHIE

DC - A17 A23 A26 E17

DR - 1278-U 1694-U

FS - CPI

IC - C08J5/18 ; C08K3/00 ; C08L31/04 ; C08L67/04

MC - A04-G07 A05-E02 A08-R01 A09-A07 A12-S06 E05-A E05-B01 E10-C04D4

E10-G02G2 E31-P03 E31-P05B E34-D03

M3 - [01] A103 A111 A212 A220 A960 C710 M210 M212 M320 M411 M510 M520 M530

M540 M610 M620 M630 M782 M903 M904 Q130 Q614 R043; 9746-C5201-M

- [02] G011 G012 G013 G100 J0 J012 J2 J232 J272 M210 M211 M212 M213 M214

M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M272 M282

M311 M312 M313 M314 M315 M316 M320 M321 M331 M332 M333 M340 M342 M382

M391 M414 M416 M510 M520 M530 M531 M540 M620 M782 M903 M904 Q130 Q614

R043; 9746-C5202-M

- [03] A220 A940 C106 C108 C530 C730 C801 C802 C803 C805 C807 M411 M782

M903 M904 M910 Q130 R043; R01278-M; 1278-U

- [04] B114 B702 B720 B831 C108 C800 C802 C803 C804 C805 C807 M411 M782

M903 M904 M910 Q130 R043; R01694-M; 1694-U

PA - (SHIE ) SHINETSU CHEM IND CO LTD

PN - JP9235455 A 19970909 DW199746 C08L67/04 004pp

PR - JP19960044344 19960301

XA - C1997-158662

XIC - C08J-005/18 ; C08K-003/00 ; C08L-031/04 ; C08L-067/04

AB - J09235455 Biodegradable film(s)(I) comprises lactic acid polymer(s)(a), ethylene/vinyl acetate copolymer(s)(Ib) and inorganic filler(s)(Ic).

- Also claimed is biodegradable film(s)(II) comprising (Ia), (Ib), (Ic) and one or more of thermal stabilizer(s)(IIa), plasticiser(s)(IIb), lubricant(s)(IIc), modified silicone oil(s)(IId).

- ADVANTAGE - (I) has good mould release properties, elongation at rupture, Izod impact strength, transparency and antiblocking properties. (I) has good printing properties, also.

- (Dwg.0/0)

CN - 9746-C5201-M 9746-C5202-M R01278-M R01694-M

DRL - 1278-U 1694-U

IW - BIODEGRADABLE FILM COMPRISE LACTIC ACID POLYMER POLYETHYLENE

POLYVINYL

ACETATE COPOLYMER INORGANIC FILL MOULD RELEASE PROPERTIES IMPACT STRENGTH

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ACETATE COPOLYMER INORGANIC FILL MOULD RELEASE PROPERTIES IMPACT STRENGTH

NC - 001

OPD - 1996-03-01

ORD - 1997-09-09

PAW - (SHIE ) SHINETSU CHEM IND CO LTD

TI - Biodegradable film(s) - comprises lactic acid polymer(s), ethylene-vinyl acetate copolymer(s) and inorganic filler(s), having good mould release properties, impact strength, etc.

A01 - [001] 018 ; R00009 G2108 D01 D11 D10 D50 D60 D83 F27 F26 F36 F35 ;

P1978-R P0839 D01 D50 D63 F41 ; H0000 ; S9999 S1285-R ; S9999 S1581

- [002] 018 ; R00009 G2108 D01 D11 D10 D50 D60 D83 F27 F26 F36 F35 ; G2108-R D01 D60 F35 ; P1978-R P0839 D01 D50 D63 F41 ; H0011-R ;

S9999 S1285-R ; S9999 S1581 ;  
 - [003] 018 ; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82 ;  
 R00835 G0566 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D84 F41 F89 ;  
 H0022 H0011 ; S9999 S1285-R ; S9999 S1581 ; P1150 ; P1310 ;  
 - [004] 018 ; ND01 ; B9999 B3021 B3010 ; K9745-R ; K9449 ; B9999  
 B5323 B5298 B5276 ; B9999 B3907 B3838 B3747 ; B9999 B4159 B4091  
 B3838 B3747 ; B9999 B4397 B4240 ; K9870 K9847 K9790 ; B9999 B5094  
 B4977 B4740 ; B9999 B5685 B5276 ; B9999 B5356 B5276 ; B9999 B5243-R  
 B4740 ; ND04 ;  
 - [005] 018 ; D01 D11 D10 D50 D61-R D83 F27 F26 F36 F35 Na 1A ; D01  
 D11 D10 D50 D61-R D86 F28 F26 F36 F35 Ca 2A ; A999 A511 A486 ; A999  
 A771 ;  
 - [006] 018 ; D01 D11 D10 D50 D95 G2506 G2493 D63 F41 F90 E00 E16 ;  
 A999 A384 ; A999 A771 ;  
 - [007] 018 ; A999 A340-R ; A999 A771 ; S9999 S1376 ;  
 - [008] 018 ; G3190 R01541 D00 F80 O- 6A Mg 2A Si 4A ; R01694 D00 F20  
 O- 6A Si 4A ; R01278 D00 F44 C- 4A O- 6A Ca 2A ; A999 A237 ; A999  
 A771 ; S9999 S1456-R ; B9999 B5209 B5185 B4740 ;  
 A02 - [001] 018 ; P1445-R F81 Si 4A ; A999 A340-R ; A999 A782 ; S9999  
 S1376 ; M9999 M2391 ;  
 - [002] 018 ; B9999 B3587 B3554 ;